GIS DATA BASE UPDATE for the RISK 2 Task Force

Status Report to the PTC / RSAC
Working Group – March 6, 2003

Background

- Desire to use some of Corridor Risk Assessment Model – GIS data layers for Risk 2 Group

- Determination that data base limitations that were adequate for CRAM analysis might not be adequate for Risk 2 analysis

- Sample checking by Zeta Tech documented missing or possibly incorrect data that might impact new analysis planned

Background continued

- Decision to conduct a complete review for certain data categories
  - Control Method
  - Freight Traffic Volume
  - Freight Speed
- Regression to populate Risk 2 Table will use these data categories

GIS Data Base Review / Update

- Update Control System Layer
- Expert Review / Comment by Zeta-Tech
  - Control System
  - Traffic Flow
  - Speed Limits
- Update GIS Data
- Q & A of Implemented Updates

Review / Update - Status

- New Control System Layer Created
  - 4 levels – Auto, CTC, ABS, and Dark
- Review / Comment / Updates Underway
  - 36 maps delivered to Zeta Tech
  - 10 maps returned with mark-ups
  - Data base updates now underway
- Addition of new ART 1998-2001 – PPAs to Network to be started shortly

Schedule

- Continue data layer review currently underway
- Initiate speed data review / update – mid-March
- Complete by end of March
  - All data reviews / comments
  - All data updates
  - Q & A
- Voluntary review by railroads – early April
- **Point of Contact – Rich McCord – FRA**